4 INTEGRAL CURRENT PROBES

USER RANGE SELECTION

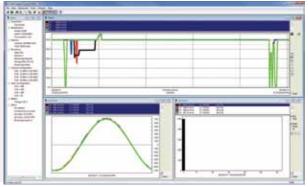WIRELESS COMMUNICATION

DATA LOGGERS
Simple Logger® II 4-Channel *Bluetooth* Edition

4-Channel AmpFlex® Model AL834

Four channel logger with 24" long flexible current sensors capable of wrapping around an 8" conductor

NEW!

WEATHER PROOF

▶ SPECIFICATIONS

MODEL	AL834	
ELECTRICAL		
Channels	Four	
Input	Captive AmpFlex® AC Current Flexible Sensors	
Range	300Aac	3000Aac
Accuracy (50/60Hz)	0 to 5A unspecified 5 to 300A: ±(1% of Reading + 0.5A)	0 to 15A unspecified 15 to 3000A: ±(1% of Reading + 1A)
Resolution	0.1Aac	0.5Aac
Sample Rate	64 samples/cycle	
Storage Rate	Programmable from 125ms to 1 per day	
Storage Modes	Start/Stop, FIFO, Extended Recording Mode (XRM™)*, Store on Alarm	
Recording Length	15 minutes to 8 weeks, programmable using DataView®	
Memory	1,000,000 measurements (2MB) The recorded data is stored in non-volatile memory and will be retained even if the battery is low or removed.	
Communication	*Bluetooth* (Class 2)	
Power Source	4 x 1.5V C-cell Alkaline batteries (included)	
Battery Life	Up to 180 days (dependent on storage rate/recording length)	
MECHANICAL		
Dimensions	5.904 x 5.904 x 3.568" (150 x 150 x 91mm) w/o Sensor	
Max Conductor Size	Ø 8" (203mm)	
Weight (with battery)	3.9 lbs (1.77kg)	
Case	UL94-V0	
Vibration	IEC 68-2-6 (1.5mm, 10 to 55Hz)	
Shock	IEC 68-2-27 (30G)	
Drop	IEC 68-2-32 (1m)	

SAFETY 600V CAT IV RATING   SAFETY 1000V CAT III RATING   CE   ▢   *Bluetooth*

Real-time view of trend, waveform and status screens.

▶ FEATURES

- Includes four integral AmpFlex® flexible current probes that will measure up to 3000A TRMS with 0.5A resolution
- Dual range 300/3000A user selectable per channel
- 64 samples per cycle
- Programmable storage rates from 125ms to 1 per day
- 4 user selectable storage modes
- Stores up to 1,000,000 measurements in non-volatile memory
- Powered by standard Alkaline batteries for a period of up to 180 days
- Lightweight, compact and weatherproof
- 6 LED indicators quickly and clearly display logger status
- Wireless *Bluetooth* data communication (*Bluetooth* module included)
- Includes FREE DataView® software for data storage, real-time display, analysis and report generation
- EN 61010-1; 600V CAT IV, 1000V CAT III

▶ APPLICATIONS

- Single/Split-phase and 3-phase load monitoring
- Neutral and ground current monitoring
- Intermittent problem detection
- Harmonic current monitoring using DataView® software
- Machine load monitoring
- Fault current detection
- Load profiling

CATALOG NO.	DESCRIPTION
2126.14	Simple Logger® II Model AL834 (4-Channel, TRMS, *Bluetooth*, AmpFlex® 300/3000Aac, DataView® software)

Technical Assistance (800) 343-1391

AEMC® INSTRUMENTS